

**§ 868.256 Milling requirements.**

In determining milling yield (see § 868.252(g)) in brown rice for processing, the degree of milling shall be equal to, or better than, that of the interpretive line sample for “well-milled” rice.

[42 FR 40869, Aug. 12, 1977. Redesignated at 21406, May 18, 1989. Redesignated and amended at 60 FR 16364, 16365, Mar. 30, 1995]

**§ 868.257 Milling yield determination.**

Milling yield shall be determined by the use of an approved device in accordance with procedures prescribed in FGIS instructions. For the purpose of this paragraph, “approved device” shall include the McGill Miller No. 3 and any other equipment that is approved by the Administrator as giving equivalent results.

NOTE: Milling yield shall not be determined when the moisture content of the brown rice for processing exceeds 18.0 percent.

[42 FR 40869, Aug. 12, 1977; 42 FR 64356, Dec. 23, 1977, as amended at 47 FR 34516, Aug. 10, 1982; 54 FR 21403, May 18, 1989. Redesignated at 54 FR 21406, May 18, 1989. Further redesignated at 60 FR 16364, Mar. 30, 1995]

**§ 868.258 Moisture.**

Water content in brown rice for processing as determined by an approved device in accordance with procedures prescribed in FGIS instructions. For the purpose of this paragraph, “approved device” shall include the Motomco Moisture Meter and any other equipment that is approved by

the Administrator as giving equivalent results.

[42 FR 40869, Aug. 12, 1977; 42 FR 64356, Dec. 23, 1977, as amended at 47 FR 34516, Aug. 10, 1982; 54 FR 21403, May 18, 1989. Redesignated at 54 FR 21406, May 18, 1989. Further redesignated at 60 FR 16364, Mar. 30, 1995]

**§ 868.259 Percentages.**

(a) *Rounding.* Percentages are determined on the basis of weight and are rounded as follows:

(1) When the figure to be rounded is followed by a figure greater than or equal to 5, round to the next higher figure; e.g., report 6.36 as 6.4, 0.35 as 0.4, and 2.45 as 2.5.

(2) When the figure to be rounded is followed by a figure less than 5, retain the figure, e.g., report 8.34 as 8.3 and 1.22 and 1.2.

(b) *Recording.* All percentages, except for milling yield, are stated in whole and tenth percent to the nearest whole percent. Milling yield is stated to the nearest whole percent.

[54 FR 21406, May 18, 1989. Redesignated at 60 FR 16364, Mar. 30, 1995]

**§ 868.260 Information.**

Requests for the Rice Inspection Handbook, Equipment Handbook, or for information concerning approved devices and procedures, criteria for approved devices, and requests for approval of devices should be directed to the U.S. Department of Agriculture, Federal Grain Inspection Service, P.O. Box 96454, Washington, DC 20090-6454, or any field office or cooperator.

[54 FR 21406, May 18, 1989. Redesignated at 60 FR 16364, Mar. 30, 1995]

GRADES, GRADE REQUIREMENTS, AND GRADE DESIGNATIONS

**§ 868.261 Grade and grade requirements for the classes of brown rice for processing. (See also § 868.263.)**

Grade	Maximum limits of—									
	Paddy kernels		Seeds and heat-damaged kernels			Red rice and damaged kernels (singly or combined) (per-cent)	Chalky kernels 1.2 (per-cent)	Broken kernels removed by a 6 plate or a 6½ sieve 3 (per-cent)	Other types 4	Wellmilled kernels (percent)
			Total (singly or combined) (number in 500 grams)	Heat-damaged kernels (number in 500 grams)	Objectionable seeds (number in 500 grams)					
	Percent	Number in 500 grams								
U.S. No. 1 .....	—	20	10	1	2	1.0	2.0	1.0	1.0	1.0

Grade	Maximum limits of—									
	Paddy kernels		Seeds and heat-damaged kernels			Red rice and damaged kernels (singly or combined) (percent)	Chalky kernels <sup>1, 2</sup> (percent)	Broken kernels removed by a 6 plate or a 6½ sieve <sup>3</sup> (percent)	Other types <sup>4</sup>	Wellmilled kernels (percent)
			Total (singly or combined) (number in 500 grams)	Heat-damaged kernels (number in 500 grams)	Objectionable seeds (number in 500 grams)					
	Percent	Number in 500 grams								
U.S. No. 2 .....	2.0	—	40	2	10	2.0	4.0	2.0	2.0	3.0
U.S. No. 3 .....	2.0	—	70	4	20	4.0	6.0	3.0	5.0	10.0
U.S. No. 4 .....	2.0	—	100	8	35	8.0	8.0	4.0	10.0	10.0
U.S. No. 5 .....	2.0	—	150	15	50	15.0	15.0	6.0	10.0	10.0
U.S. Sample grade	U.S. Sample grade shall be brown rice for processing which (a) does not meet the requirements for any of the grades from U.S. No. 1 to U.S. No. 5, inclusive; (b) contains more than 14.5 percent of moisture; (c) is musty, or sour, or heating; (d) has any commercially objectionable foreign odor; (e) contains more than 0.2 percent of related material or more than 0.1 percent of unrelated material; (f) contains two or more live weevils or other live insects; or (g) is otherwise of distinctly low quality.									

<sup>1</sup> For the special grade Parboiled brown rice for processing, see § 868.263(a).

<sup>2</sup> For the special grade Glutinous brown rice for processing, see § 868.263(c).

<sup>3</sup> Plates should be used for southern production rice and sieves should be used for western production rice, but any device or method which gives equivalent results may be used.

<sup>4</sup> These limits do not apply to the class Mixed Brown Rice for Processing.

[56 FR 55979, Oct. 31, 1991. Redesignated and amended at 60 FR 16364, Mar. 30, 1995]

### § 868.262 Grade designation.

(a) The grade designation for all classes of brown rice for processing, except Mixed Brown Rice for Processing, shall include in the following order: (1) The letters “U.S.”; (2) the number of the grade or the words “Sample grade,” as warranted; (3) the words “or better,” when applicable and requested by the applicant prior to inspection; (4) the class; and (5) each applicable special grade (see § 868.264).

(b) The grade designation for the class Mixed Brown Rice for Processing shall include in the following order: (1) The letters “U.S.”; (2) the number of the grade or the words “Sample grade,” as warranted; (3) the words “or better,” when applicable and requested by the applicant prior to inspection; (4) the class; (5) each applicable special grade (see § 868.264); (6) the percentage of whole kernels of each type in the order of predominance; and when applicable; (7) the percentage of broken kernels of each type in the order of predominance; and (8) the percentage of seeds, related material, and unrelated material.

NOTE: Broken kernels other than long grain, in Mixed Brown Rice for Processing,

shall be certificated as “medium or short grain.”

[42 FR 40869, Aug. 12, 1977; 42 FR 64356, Dec. 23, 1977. Redesignated and amended at 60 FR 16364, 16365, Mar. 30, 1995]

### SPECIAL GRADES, SPECIAL GRADE REQUIREMENTS, AND SPECIAL GRADE DESIGNATIONS

### § 868.263 Special grades and special grade requirements.

A special grade, when applicable, is supplemental to the grade assigned under § 868.262. Such special grades for brown rice for processing are established and determined as follows:

(a) *Parboiled brown rice for processing.* Parboiled brown rice for processing shall be rice in which the starch has been gelatinized by soaking, steaming, and drying. Grades U.S. Nos. 1 to 5, inclusive, shall contain not more than 10.0 percent of ungelatinized kernels. Grades U.S. No. 1 and U.S. No. 2 shall contain not more than 0.1 percent, grades U.S. No. 3 and U.S. No. 4 not more than 0.2 percent, and grade U.S. No. 5 not more than 0.5 percent of non-parboiled rice.

NOTE: The maximum limits for “chalky kernels,” “Heat-damaged kernels,” and “Kernels damaged by heat” shown in § 868.261 are not applicable to the special grade “Parboiled brown rice for processing.”